

**AMENDMENTS TO THE CLAIMS**

1. -24 (Canceled)

25. (Currently Amended) An isolated nucleic acid of 19 to 24 nucleotides wherein the sequence of the nucleic acid comprises:

- (a) at least 19 consecutive nucleotides of SEQ ID NO: 159;
- (b) an RNA encoded by (a); or
- (e) ~~a sequence at least 80% identical to (a) or (b); or~~
- ~~(d)(c)~~ the complement of any one of (a)-(e) (a) or (b), wherein the complement is identical in length to the nucleic acid of ~~(a)-(e) (a) or (b)~~.

26. (Currently Amended) The nucleic acid of claim 25, wherein the nucleic acid is ~~of~~ the sequence of SEQ ID NO: 159.

27. (Canceled)

28. (Canceled)

29. (Currently Amended) An isolated nucleic acid of 50-140 nucleotides, wherein the sequence of the nucleic acid comprises:

- (a) at least 19 consecutive nucleotides of SEQ ID NO: 159;
- (b) an RNA encoded by (a); or
- (e) ~~a sequence at least 80% nucleotides identical to (a) or (b); or~~
- ~~(d)(c)~~ the complement of any one of (a)-(e) (a) or (b), wherein the complement is identical in length to the nucleic acid of ~~(a)-(e) (a) or (b)~~.

30. (Currently Amended) The nucleic acid of claim 29, wherein the nucleic acid is ~~of~~ the sequence of SEQ ID NO: 6821380.

31. - 34 (Canceled)

35. (Previously Presented) A vector comprising a human insert, wherein the human insert consists of the sequence of the nucleic acid of claim 25, and wherein the vector comprises no other insert but the nucleic acid of claim 25.

36. (Previously Presented) A vector comprising a human insert, wherein the human insert consists of the sequence of the nucleic acid of claim 26, and wherein the vector comprises no other insert but the nucleic acid of claim 26.

37. (Previously Presented) A vector comprising a human insert, wherein the human insert consists of the sequence of the nucleic acid of claim 29, and wherein the vector comprises no other insert but the nucleic acid of claim 29.

38. (Previously Presented) A vector comprising a human insert, wherein the human insert consists of the sequence of the nucleic acid of claim 30, and wherein the vector comprises no other insert but the nucleic acid of claim 30.

39. (New) A probe comprising a human insert, wherein the human insert consists of the sequence of the nucleic acid of claim 25, and wherein the probe comprises no other insert but the nucleic acid of claim 25.

40. (New) A probe comprising a human insert, wherein the human insert consists of the sequence of the nucleic acid of claim 26, and wherein the probe comprises no other insert but the nucleic acid of claim 26.

41. (New) A probe comprising a human insert, wherein the human insert consists of the sequence of the nucleic acid of claim 29, and wherein the probe comprises no other insert but the nucleic acid of claim 29.

42. (New) A probe comprising a human insert, wherein the human insert consists of the sequence of the nucleic acid of claim 30, and wherein the probe comprises no other insert but the nucleic acid of claim 30.